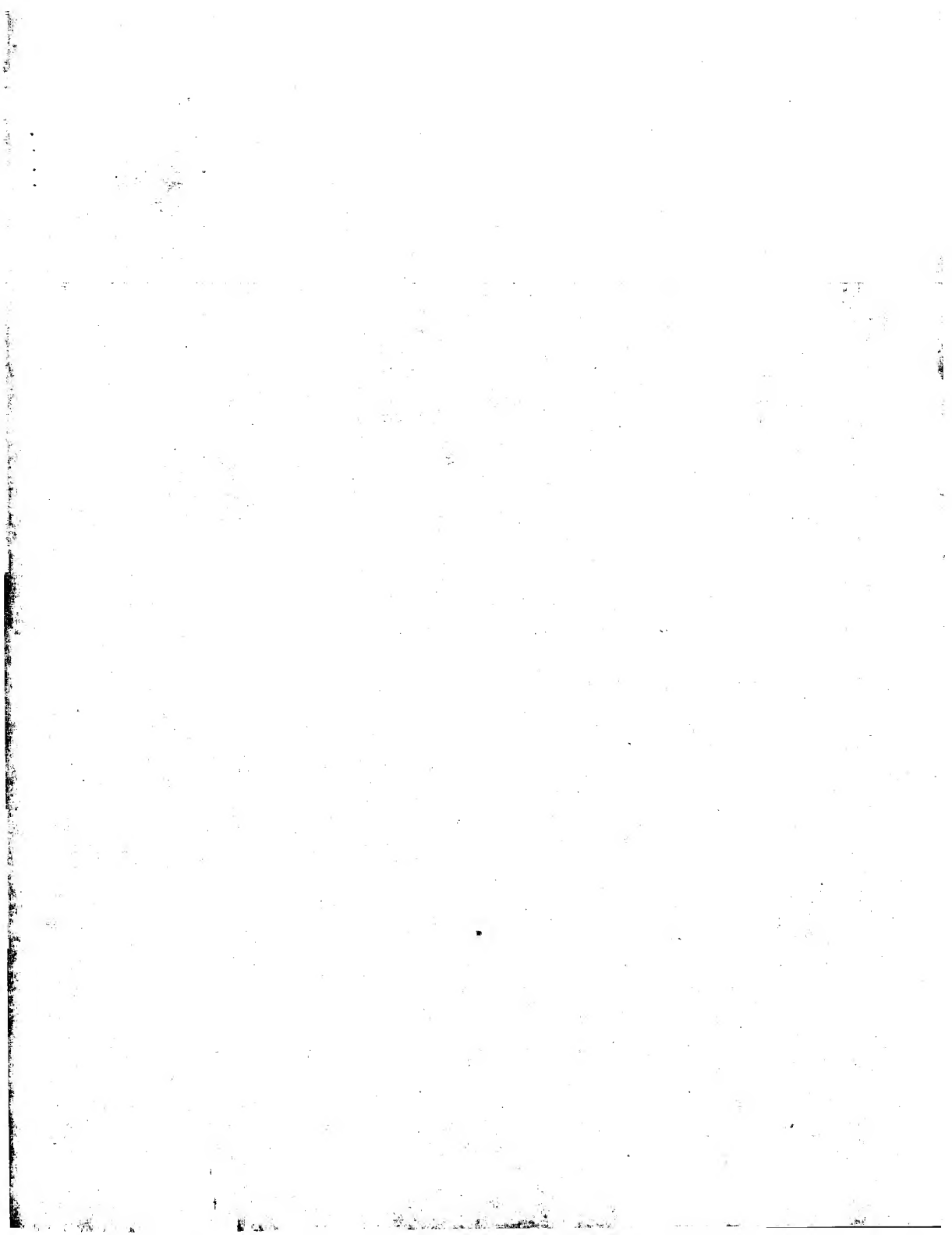


RESULT 15
 US-09-252-991A-4168/C
 Sequence 4168
 Patent No. 6551795
 GENERAL INFORMATION:
 APPLICANT: Marc J. Rubenfield et al.
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
 TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
 FILE REFERENCE: 10/196,136 US/09/252,991A
 PRIORITY FILING DATE: 1998-02-18
 CURRENT FILING DATE: 1998-07-27
 PRIOR APPLICATION NUMBER: US 60/074,788
 PRIOR FILING DATE: 1998-02-18
 PRIOR APPLICATION NUMBER: US 60/094,190
 PRIOR FILING DATE: 1998-07-27
 NUMBER OF SEQ ID NOS: 33142
 LENGTH: 1488
 TYPE: DNA
 ORGANISM: Pseudomonas aeruginosa
 US-09-252-991A-4168

Query Match 8.7% Score 28.6; DB 4; Length 1488;
 Local Similarity 54.2%; Pred. No. 6.1;
 Matches 58; Conservative 0; Mismatches 49; Indels 0; Gaps 0;
 Oy 16 GATGTGATACCCGACGCGACCAACAGCGCGCGCGGCAAGACCCCTTGAAGTGA 75
 DB 846 GACGTGCAAGAGCTACCGACAGTTCATCGGTGAGATCGAGAGGCACTGAAAGCAA 787
 Oy 76 AAGTGAGATGAGTACCCCTCTGCGGCTGGGATATTGTGTGTGATTA 122
 DB 786 GAAAGGACCTCATGGCTGTGAGAGCGGCGCTGACGTCATGGAATA 740

Search completed: August 27, 2003, 02:51:25
 Job time : 41 secs




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Db      194 CTGTGCGCATCTGCGAGGACCAATTATGATCTTTCATGATGATGTCGAAAGTCAAGCTAACAGGC 253
Oy      183 GTTCCGCTACTCTGACAGAGATGTCATGTCGCGATGGGATGTCGTACCAATGCTTTCACCT 242
Db      254 GTTCCGCTACTCTGACAGAGATGTCATGTCGCGATGGGATGTCGTACCAATGCTTTCACCT 313
Oy      243 CCATCGCATCTCTGCGTGGCTGACAAACAGAGAGAGTGTGTCATTTGGACAACAGAGAGTG 302
Db      314 CCATCGCATCTCTGCGTGGCTGACAAACAGAGAGTGTGTCATTTGGACAACAGAGAGTG 373
Oy      303 GGAATTCCAAAAGTATGGGCACTAG 327
Db      374 GGAATTCCAAAAGTATGGGCACTAG 398

RESULT 2
US-10-198-846-11311/G
? Sequences 11311/6
? Publication No. US001009374/L
? GENERAL INFORMATION:
? APPLICANT: Lillie, James
? APPLICANT: Xu, Yongzhen
? APPLICANT: Wang, Youzhen
? TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS
? TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
? FILE REFERENCE: MRI-049
? CURRENT FILING DATE: US/10/198, 846
? PRIOR APPLICATION NUMBER: 60/306, 220
? PRIOR FILING DATE: 2001-07-18
? NUMBER OF SEQ ID NOS: 14084
? SOURCE: UNPUBLISHED FOR WINDOWS Version 4.0
? SEQ ID NO 11311
? LENGTH: 4543
? TYPE: DNA
? ORGANISM: Homo sapiens
US-10-198-846-11311
Query Match      98.48: Score 321.8, DB 14: Length 4543:
Best Local Similarity 99.48: Pct Id 99.32-100
Matches 323: Conservative 0: Mismatches 2: Indels 0: Gaps 0:

Oy      3 GGGCGGACGATGATGATGATACCGGACGCGACCAAGACGCGCGGACAAAGAGCG 62
Db      1089 GGGCGGACGATGATGATGATACCGGACGCGACCAAGACGCGCGGACAAAGAGCG 1030
Oy      63 CTTTGAGATGAAAAAGTGAATGCTATGCGTCTGCGCTGGATATGCTGGTCAAAA 122
Db      1029 CTTTGAAGTGAATAAAGTGGATCAGTACGCTCTGCGCTGGATATGCTGGTCAAAA 970
Oy      123 CTGTGCGCATCTGCGAGGACCAATTATGATCTTTCATGATGATGTCGAAAGTCAAGCTAACAGGC 182
Db      969 CTGTGCGCATCTGCGAGGACCAATTATGATCTTTCATGATGATGTCGAAAGTCAAGCTAACAGGC 910
Oy      183 GTTCCGCTACTCTGACAGAGATGTCATGTCGCGATGGGATGTCGTACCAATGCTTTCACCT 242
Db      909 GTTCCGCTACTCTGACAGAGATGTCATGTCGCGATGGGATGTCGTACCAATGCTTTCACCT 850
Oy      243 CCATCGCATCTCTGCGTGGCTGACAAACAGAGAGTGTGTCATTTGGACAACAGAGAGTG 302
Db      849 CCATCGCATCTCTGCGTGGCTGACAAACAGAGAGTGTGTCATTTGGACAACAGAGAGTG 790
Oy      303 GGAATTCCAAAAGTATGGGCACTAG 327
Db      789 GGAATTCCAAAAGTATGGGCACTAG 765

RESULT 3
US-09-541-462b-1
? Sequences 4672
? Publication US/09960352
? Patent No. US62001372.39A1

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? GENERAL INFORMATION:
? APPLICANT: Warren, Wesley C.
? APPLICANT: Tao, Mengping
? APPLICANT: Miller, John C.
? APPLICANT: Miller, John C.
? TITLE OF INVENTION: NUCLEIC ACID AND OTHER MOLECULES ASSOCIATED WITH LACTATION AND
? TITLE OF INVENTION: MUSCLE AND FAT DEPOSITION
? FILE REFERENCE: 16511.006/37-211(0298)C
? CURRENT APPLICATION NUMBER: US/09/960, 352
? CURRENT FILING DATE: 2001-09-24
? NUMBER OF SEQ ID NOS: 15112
? SOURCE: UNPUBLISHED FOR WINDOWS Version 4.0
? SEQ ID NO 4672
? LENGTH: 380
? TYPE: DNA
? ORGANISM: Bos taurus
? OTHER INFORMATION: Clone ID: 20-FH34-034-Q1-E1-E7
US-09-960-352-4677
Query Match      92.58: Score 302.4, DB 10: Length 380:
Best Local Similarity 96.68: Pct Id 96.36-98
Matches 309: Conservative 0: Mismatches 11: Indels 0: Gaps 0:

Oy      8 CAGGATGATGTGGATGATCCCGACGCGACCAACAGAGGCGCGCGCAAGAACCCCTTTG 67
Db      2 CAGGATGATGTGGATGATCCCGACGCGACCAACAGAGGCGCGCGCAAGAACCCCTTTG 61
Oy      68 AATGAAAAATGAGATGACATGACCTCTCTGCGCTGGGATATGTTGGTATTAATGTG 127
Db      62 AATGAAAAATGAGATGACATGACCTCTCTGCGCTGGGATATGTTGGTATTAATGTG 121
Oy      128 CCATCTGCGAGAACCATATTATGATTTTGGCATAGATGTGACGTAAACAGAGCGCTCG 187
Db      122 CCATCTGCGAGAACCATATTATGATTTTGGCATAGATGTGACGTAAACAGAGCGCTCG 181
Oy      243 CCATCTGCGAGAACCATATTATGATTTTGGCATAGATGTGACGTAAACAGAGAGTGGAT 247
Db      182 CCATCTGCGAGAACCATATTATGATTTTGGCATAGATGTGACGTAAACAGAGAGTGGAT 241
Oy      248 GCATCTCTGCGCTGCTGAAACACAGAGAGTGTGTCATTTGGACAACAGAGATGGGAT 307
Db      242 GCATCTCTGCGCTGCTGAAACACAGAGAGTGTGTCATTTGGACAACAGAGATGGGAT 301
Oy      308 TCCAAAAGTATGGGCACTAG 327
Db      302 TCCAAAAGTATGGGCACTAG 321

RESULT 4
US-10-205-823-382/G
? Sequences 382/6
? Publication No. US2003010896A1
? GENERAL INFORMATION:
? APPLICANT: Schlegel, Robert
? APPLICANT: Monahan, John E.
? APPLICANT: Endege, Wilson O.
? APPLICANT: Gamvareddu, Manjula
? APPLICANT: Gamvareddu, Manjula
? APPLICANT: Hoersch, Sebelin
? APPLICANT: Kmetzger, Shubhrogi
? APPLICANT: Monseky, Angela M.
? APPLICANT: Glatz, Karen
? APPLICANT: Zhao, Xumei
? TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND
? TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
? FILE REFERENCE: MRI-044
? CURRENT APPLICATION NUMBER: US/10/205, 823
? CURRENT FILING DATE: 2002-07-25
? PRIOR APPLICATION NUMBER: 60/307, 982
? PRIOR FILING DATE: 2001-07-25
? PRIOR APPLICATION NUMBER: 60/314, 356
? PRIOR FILING DATE: 2001-08-22

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OY      PRIOR APPLICATION NUMBER: 60/325, 020
Db      PRIOR FILING DATE: 2001-09-25
OY      PRIOR APPLICATION NUMBER: 60/341, 746
Db      PRIOR FILING DATE: 2001-11-12
OY      PRIOR APPLICATION NUMBER: 60/562, 158
Db      PRIOR FILING DATE: 2002-03-05
OY      NUMBER OF SEQ ID NOS: 455
Db      SOFTWARE: FastSeq for Windows Version 4.0
OY      .SEQ ID NO 382
Db      LENGTH: 5111
OY      TYPE: DNA Homo sapiens
Db      US-10-205-825-382

Query Match          90.8%; Score 296.8; DB 14; Length 5111;
Best Local Similarity 96.5%; Pred. No. 3e+95; 2; Indels 0; Gaps 0;
Matches 296; Conservative 0; Mismatches

OY      3 GCCGCGACGCATGGATGTGGTATGCCCGAGCGCCACACAAACAGCGCGCGGGCAGAAGCG 62
Db      CCCCCGACGACGATGGATGTGGTATGCCCGACGACGACCAACAGCGCGCGGGCAGAAGCG 241
OY      63 CTCTGAATGATAAAGATGGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 122
Db      CTTTGGAATGATAAAGATGGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 240
OY      123 CTGTGCATCTCTCGTAGAACACCATATTGATCTTTTGATAGATGTCACATCACACGCG 182
Db      CTGTGCATCTCTCGTAGAACACCATATTGATCTTTTGATAGATGTCACATCACACGCG 121
OY      183 GTCCGCGTCATCTCAGAGAGGTATGTCGTGCGCATGAGGAGATGTATACATGCTTTTCAACT 242
Db      TCGCGCGTCATCTCAGAGAGGTATGTCGTGCGCATGAGGAGATGTATACATGCTTTTCAACT 120
OY      243 CCATCTCATCTCTGCTGCTGCTGCTCAAAACAGACAGAGTGTGTTCATTGAGACAAGAGAGT 302
Db      CCATCTCATCTCTGCTGCTGCTGCTCAAAACAGAGAGTGTGTTCATTGAGACAAGAGAGT 60

RESULT 5
US-09-780-016-27
Sequence 27, Application US/09780016
GENERAL INFORMATION:
APPLICANT: Donoho, Gregory
APPLICANT: Scovillle, John
APPLICANT: Turner, C. Alexander Jr.
APPLICANT: Friedlich, Glenn
APPLICANT: Abulu, Alejandro
APPLICANT: Zambrowicz, Brian
TITLE OF INVENTION: Polymorphocides Encoding the Same
FILE REFERENCE: LEX-0132-US-05A
CURRENT APPLICATION NUMBER: 2001-02-09
CURRENT FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 05-60/181,294
NUMBER OF SEQ ID NOS: 97
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 27
LENGTH: 3208
TYPE: DNA
ORGANISM: homo sapiens
US-09-780-016-27

Query Match          77.6%; Score 253.6; DB 9; Length 3208;
Best Local Similarity 96.5%; Pred. No. 7.1e+80;
Matches 256; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY      68 AACTGAATAAAGTGATGCATGATACCCTCTGTGGCGCTGGGATATGTGGTGTGATATGTCG 127
Db      ATTAATAAATAAAGTGAATGCATGATACCCTCTGTGGCGCTGGGATATGTGGTGTGATATGTCG 2765
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OY      128  GCATCTGCGAGAACACAAATTATGGATCTTTGCATACAGATGTCAAGTCAACAGAGCGTCGC 187
Db      2825  CCACTCCGAGGAAGCAGCATATTTGGAATCTTTCGATAGAGAATCTCAAGTCAACAGAGCGTCGC 2886
OY      188  CATCTCCGAGGAAGCAGCATATTTGGAATCTTTCGATAGAGAATCTTCAACATGCTTTTCACTCCACT 247
Db      2885  CATCTCCGAGGAAGCAGCATATTTGGAATCTTTCGATAGAGAATCTTCAACATGCTTTTCACTCCACT 2944
OY      248  GCATCTCTCGTGCGCTCTAAAACACAGAGAGTGTCATTTGGACACAGAGAGTGGGAAT 307
Db      2945  GCATCTCTCGTGCGCTCTAAAACACAGAGAGTGTCATTTGGACACAGAGAGTGGGAAT 3004
OY      308  TCCAAAAGATATGGGCACTAG 327
Db      3005  TCCAAAAGATATGGGCACTAG 3024

RESULT 6
US-10-214-811-27
Sequence 27, Application US/10214811
Publication No. US20030023062A1
GENERAL INFORMATION:
APPLICANT: Donoho, Gregory
INVENTOR: Donoho, Gregory; Miller, John
APPlicant: Turner, Alexander Jr.
APPLICANT: Friedrich, Glenn
APPLICANT: Abadio, Alejandro
APPLICANT: Zambowicz, Brian
TITLE OF INVENTION: NO-US20030023062A1el Human Proteases and
REFERENCES: US-0132-US/US-10/214,811
CURRENT FILING DATE: 2002-08-07
PRIORITY FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: US/09/780,016
PRIOR FILING DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 27
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID LENGTH: 3208
TYPE: DNA
ORGANISM: homo sapiens
US-10-214-811-27

Query Match          77.6%; Score 253.6; DB 14; Length 3208;
Best Local Similarity 98.5%; Pred. no. 7.le-80;
Matches 256; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY      68  AAGTGAAGATGCAATGCAAGTAGAGGCCCTCTGCGCTCGTGAGATATTTGGTGGTAACAATCTTG 127
Db      2765  AAAAAAATAATGCAATGCAATGCAATGAGCCCTCTGCGCTCGTGAGATATTTGGTGGTAACAATCTTG 2824
OY      128  GCATCTGCGAGAACACAAATTATGGATCTTTGCATAGAAATGTCAACGACAGCGCTCGC 187
Db      2825  CCATCTGCGAGAACACAAATTATGGATCTTTGCATAGAAATGTCAACGACGACAGCGCTCGC 2884
OY      188  CATCTCCGAGGAAGCAGCATATTTGGAATCTTTCGATAGAGAATCTTCAACATGCTTTTCACTCCACT 247
Db      2885  CATCTCCGAGGAAGCAGCATATTTGGAATCTTTCGATAGAGAATCTTCAACATGCTTTTCACTCCACT 2944
OY      248  GCATCTCTCGTGCGCTCTAAAACACAGAGAGTGTCATTTGGACACAGAGAGTGGGAAT 307
Db      2945  GCATCTCTCGTGCGCTCTAAAACACAGAGAGTGTCATTTGGACACAGAGAGTGGGAAT 3004
OY      308  TCCAAAAGATATGGGCACTAG 327
Db      3005  TCCAAAAGATATGGGCACTAG 3024

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Db 230 CAGGCCAGTGCACAGTGTGAGTGCCTGACCTGGGGGTTTCACATACCCCTTC 289
      |||||  ||  ||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Qy 238 CACTTCACATGCACTCTGCTGGCTGCACAAACAGCAGGTGTGCATTGGACAAACAA 297
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Db 290 CACTTCACATGCACTCTGAGCAGATGGTGTAGACATGTGTGCATTTGTCATGGATACAG 349
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Qy 298 GAGTGGGAAATTCCAAAGTATGGGACCTA 326
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Db 350 GAGTGGGAGTTTCAGAAATATATGTGCACCTA 378
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||

RESULT 10
US-09-562-436-220/C
: Sequence 220, Application us/09962436
: Patent No. US20020081301A1
: GENERAL INFORMATION:
: APPLICANT: Suppet, Daniel
: TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu
: FILE REFERENCE: 689290-75
: CURRENT APPLICATION NUMBER: US/09/962,436
: PRIOR FILING DATE: 2001-09-25
: PRIOR APPLICATION NUMBER: US/60/235,082
: PRIOR FILING DATE: 2000-09-25
: PRIOR APPLICATION NUMBER: US/60/234,924
: NUMBER OF SEQ ID NOS: 558
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 220
: LENGTH: 418
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-562-436-220

Query Match
Best Local Similarity 48.1%; Score 157.4; DB 9; Length 418;
Matches 199; Conservative 0; Mismatches 31; Indels 3; Gaps 2;

Qy 95 TCTGGGCTGGGATATTGGTGTGATACCTGCATCTGCAGACACACATATGATGATC 154
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Db 417 TCTGGGCTGGGATATTGGTGTGATACCTGCATCTGCAGACACACATATGATGATC 358
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Qy 155 TTTCGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 214
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Db 357 --TGCATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 300
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Qy 215 GGGAGATCTGTACCATGCTTTCATCTTCATCTCATCTCATCTCTGCTGGCTCAAAACAGCAG 274
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Db 299 GGGAGATCTGTACCATGCTTTCATCTTCATCTCATCTCATCTCTGCTGGCTCAAAACAGCAG 241
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Qy 275 AGCTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 327
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Db 240 AGCTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 188
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||

RESULT 11
US-10-198-846-2493
: Sequence 2493, Application US/10198846
: Publication No. US20020099974A1
: GENERAL INFORMATION:
: APPLICANT: Lillie, James
: APPLICANT: Wang, Youzhen
: APPLICANT: Xu, Yongyao
: APPLICANT: Zhang, Youzhen
: TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM CORN TASSEL
: FILE REFERENCE: TRI-049
: CURRENT APPLICATION NUMBER: US/10/198,846
: PRIOR FILING DATE: 2002-07-18
: PRIOR APPLICATION NUMBER: 60/306,220
: PRIOR FILING DATE: 2001-07-18

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: NUMBER OF SEQ ID NOS: 14084
: SOFTWARE: FASTED for Windows Version 4.0
: SEQ ID NO 2493
: LENGTH: 415
: TYPE: DNA
: ORGANISM: Homo sapiens
: NAME/REV: misc_feature
: LOCATION: 5
: OTHER INFORMATION: n = A,T,C or G
US-10-198-846-2493

Query Match
Best Local Similarity 42.4%; Score 138.8; DB 14; Length 415;
Matches 140; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 ATGCGCGCAGCATGATGTGTGAATACCGCGACGCGACCAACAGCGCGCGCGCAAGAG 60
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Db 91 ATGCGCGCAGCATGATGTGTGAATACCGCGACGCGACCAACAGCGCGCGCGCAAGAG 150
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Qy 61 CCTTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 120
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Db 151 CCTTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 210
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Qy 121 AACGTGCAATCTGCAGCAAGC 142
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Db 211 AACGTGCAATCTGCAGCAAGC 232
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||

RESULT 12
US-09-264-0938-735
: Sequence 735, Application us/092640938
: Patent No. US2001005135A1
: GENERAL INFORMATION:
: APPLICANT: Ito, Isamu, V.
: APPLICANT: Ito, Isamu, V.
: TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM CORN TASSEL
: FILE REFERENCE: PI-0009 US
: CURRENT APPLICATION NUMBER: US/09/294,093B
: PRIOR FILING DATE: 1999-04-16
: PRIOR APPLICATION NUMBER: 60/082,567
: PRIOR FILING DATE: April 21, 1998
: SOFTWARE: SEQ ID NOS: 6207
: SEQ ID NO 735
: LENGTH: 271
: TYPE: DNA
: ORGANISM: Zea mays
: NAME/REV: misc_feature
: LOCATION: 89, 219
: OTHER INFORMATION: a, l, c, g, or other
US-09-294-0938-735

Query Match
Best Local Similarity 70.6%; Score 76.4; DB 9; Length 271;
Matches 119; Conservative 0; Mismatches 47; Indels 1; Gaps 1;

Qy 110 GGTGATATCCGAGCGGACCAACAGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 78
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Db 170 GGTGATATCCGAGCGGACCAACAGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 228
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Qy 139 AACCATATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 181
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Db 229 AACCATATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 271
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||

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[illegible]

RESULT 2
 US-09-313-294A-492
 : Sequence 492, Application US/09313294A
 : Patent No. 6476212
 : GENERAL INFORMATION:
 : APPLICANT: Lalagudi, Raghunath V.
 : APPLICANT: Lalagudi, Raghunath V.
 : APPLICANT: Shrivastava, Pradyumn K.
 : TITLE OF INVENTION: POLYESTERS AND POLYPEPTIDES DERIVED FROM CORN EAR
 : FILE REFERENCE: PL-0011 US
 : CURRENT APPLICATION NUMBER: US/09/313,294A
 : CURRENT FILING DATE: 1999-05-14
 : NUMBER OF SEQ ID NOS: 7600
 : SOFTWARE: PERL Program
 : SEQ ID NO: 492
 : LENGTH: 361
 : TYPE: DNA
 : ORGANISM: zea mays
 : FEATURE:
 : NAME/KEY: misc_feature
 : OTHER INFORMATION: Inocyte ID No. 6476212 700549335H1
 : US-09-313-294A-492

[illegible]

1	Patent No: 6548633	
2	GENERAL INFORMATION:	
3	APPLICANT: Dumas Mine Edwards, J.B.	
4	APPLICANT: Bouquelarel, L.	
5	APPLICANT: Bouquelarel, L.	
6	FILE REFERENCE: GENE870500CP2	
7	TITLE OF INVENTION: Complementary DNA's Encoding Proteins with Signal Peptides	
8	CURRENT FILING DATE: 2000-06-21	
9	CURRENT APPLICATION NUMBER: US/09/599,360B	
10	PRIOR FILING DATE: 1998-12-22	656
11	PRIOR APPLICATION NUMBER: 09/599,360A	656
12	PRIOR FILING DATE: 1999-06-25	141,032
13	PRIOR APPLICATION NUMBER: 09/469,009	
14	PRIOR FILING DATE: 1999-12-21	123
15	NUMBER OF SEQ ID NOS: 123	
16	SEQUENCE Patent: pm	
17	SEQ ID NOS: 27	
18	LENGTH: 648	
19	TYPE: DNA	
20	ORGANISM: Homo Sapiens	
21	FEATURES:	
22	NAME/KEY: CDS	
23	LOCATION: 167..438	
24	NAME/KEY: NAME/KEY: 1A.Signal	
25	LOCATION: 612..657	
26	NAME/KEY: polYA.site	
27	LOCATION: 632..648	
28	US-09-599-360B-27	
29	Alignment Scores:	
30	Prod. No.:	2,796,18
31	Score:	2,127
32	Percent Similarity:	44.53%
33	Best Local Similarity:	31.39%
34	Query Match:	35.23%
35	Ob:	4
36	Length:	648
37	Matches:	43
38	Mismatches:	16
39	Indels:	36
40	Gaps:	3

[illegible]


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/ TITLE OF INVENTION: TCR8, A GENE RELATED TO THE HEDGEHOG RECEPTOR, PATCHED
/ REFERENCE: US 6,450,004 US/09/268,140
/ CURRENT FILING DATE: 2000-03-12
/ PRIOR FILING DATE: 1998-03-12
/ PRIOR APPLICATION NUMBER: US 60/077,723
/ NUMBER OF SEQ ID NOS: 46
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO: 2505
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: (238)..(2232)
/ US-09-268-140-1
Alignment Scores:
Pred. No.: 0.642 Length: 2505
Score: 85.00 Matches: 24
Percent Similarity: 40.48% Conservative: 10
Best Local Similarity: 28.57% Mismatches: 22
Query Match: 13.80% Indels: 28
DB: Gaps: 4
US-09-541-462b-2 (1-108) x US-09-268-140-1 (1-2505)
OY 20 LysArgPheGluValLysArgTTPpAlaValAlaLeuTPpAlaTPpAlaIle----- 37
Db 1801 CGTAGACACTGCTGTGAAGAAATTAATTCACCTCTCT-----GAAATAAAGGG 1848
OY 38 -----ValValaPaaAcYValaIleCYsArgaAnHlaIleMeLeaPleu 52
Db 1849 AGCGGCTACAGAAATAAATGATGCTATTCGACATCTCTATCATGAGTTT----- 1899
OY 53 CysIleGluCYsGlnAlaAsnGlnAlaSerAlaThrSerGluGluCYsThrValaIaTP 72
Db 1900 -----ACAACTCTCTCTCTATTCAC----- 1920
OY 73 GlnValaCYsAnHlaAlaPheHlaPheHlaSerAlaIleSerATpTPLeuLysThrArgIn 92
Db 1921 ---CGCTGATCATATTTCATCATCACTTCCTCGCAATGCTGTCATCATGAGAT 1977
OY 93 ValCYsProlau 96
Db 1978 ACTGTTCATG 1989
RESULT 7
US-09-268-140-7
/ Sequence 4, Application US/09268140
/ Patent No. 628176
/ GENERAL INFORMATION:
/ APPLICANT: Gemmell, Robert M.
/ TITLE OF INVENTION: TCR8, A GENE RELATED TO THE HEDGEHOG RECEPTOR, PATCHED
/ REFERENCE: US 6,450,004 US/09/268,140
/ CURRENT FILING DATE: 2000-03-12
/ PRIOR FILING DATE: 1998-03-12
/ PRIOR APPLICATION NUMBER: US 60/077,723
/ NUMBER OF SEQ ID NOS: 46
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO: 2517
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: repeat_unit
/ LOCATION: (165)..(176)
US-09-268-140-7
Alignment Scores:
Pred. No.: 0.646 Length: 2517

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Score: 85.00 Matches: 24
Percent Similarity: 40.48% Conservative: 10
Best Local Similarity: 28.57% Mismatches: 22
Query Match: 13.80% Indels: 28
DB: Gaps: 4
US-09-541-462b-2 (1-108) x US-09-268-140-7 (1-2517)
OY 20 LysArgPheGluValLysArgTTPpAlaValAlaLeuTPpAlaTPpAlaIle----- 37
Db 1813 CGTAGACACTGCTGTGAAGAAATTAATTCACCTCTCT-----GAAATAAAGGG 1860
OY 38 -----ValValaPaaAcYValaIleCYsArgaAnHlaIleMeLeaPleu 52
Db 1861 AGCGGCTACAGAAATAAATGATGCTATTCGACATCTCTATCATGAGTTT----- 1911
OY 53 CysIleGluCYsGlnAlaAsnGlnAlaSerAlaThrSerGluGluCYsThrValaIaTP 72
Db 1912 -----ACAACTCTCTCTCTATTCAC----- 1932
OY 73 GlnValaCYsAnHlaAlaPheHlaPheHlaSerAlaIleSerATpTPLeuLysThrArgIn 92
Db 1933 ---CGCTGATCATATTTCATCATCACTTCCTCGCAATGCTGTCATCATGAGAT 1989
OY 93 ValCYsProlau 96
Db 1990 ACTGTTCATG 2001
RESULT 8
US-09-325-932a-4
/ Sequence 4, Application US/09325932A
/ Patent No. 6451604
/ GENERAL INFORMATION:
/ APPLICANT: Lasham, Annette
/ TITLE OF INVENTION: Compositions affecting programmed cell
/ FILE REFERENCE: 1022
/ CURRENT APPLICATION NUMBER: US/09/325,932A
/ CURRENT FILING DATE: 1999-06-04
/ NUMBER OF SEQ ID NOS: 206
/ SOFTWARE: FASTSEQ for Windows Version 3.0
/ SEQ ID NO: 4
/ LENGTH: 315
/ TYPE: DNA
/ ORGANISM: Pinus radiata
US-09-325-932a-4
Alignment Scores:
Pred. No.: 0.0674 Length: 315
Score: 83.00 Matches: 17
Percent Similarity: 36.18% Conservative: 4
Best Local Similarity: 30.91% Mismatches: 20
Query Match: 13.47% Indels: 14
DB: Gaps: 1
US-09-541-462b-2 (1-108) x US-09-325-932a-4 (1-315)
OY 42 CysAlaIleCYsArgaAnHlaIleMeLeaPleuCYsIleGluCYsGlnAlaAsnGlnAla 61
Db 74 TCCCGGCTGCTGTCACAGTCAGACAGAT----- 106
OY 62 SerAlaThrSerGluGluCYsThrValaIaTPpAlaValCYsAnHlaAlaPheHlaPhe 81
Db 107 -----GAGATTCCTCCGCTTACTCCCAAGTCAGACATTCATCATG 151
OY 82 HisCYsAlaIleSerATpTPLeuLysThrArgInValCYsProlau 96
Db 152 GATTGCATGCATATTTCCTTGAGAGACATCAAGTCCTCCGCTC 196
RESULT 9
US-09-616-155b-2
/ Sequence 2, Application US/08016155b

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? Patent No. 5990091
? GENERAL INFORMATION:
? APPLICANT: TARTAGLIA, JAMES
? APPLICANT: COX, WILLIAM I.
? APPLICANT: GETTIG, RUSSELL R.
? APPLICANT: MARTEZZ, HECTOR
? APPLICANT: PAOLETTI, ENZO
? APPLICANT: PINCUS, STEVEN E.
? TITLE OF INVENTION: VECTORS HAVING ENHANCED EXPRESSION, AND
? TITLE OF INVENTION: METHODS OF MAKING AND USES THEREOF
? CORRESPONDENCE ADDRESS: 48
? ADDRESS: FROMMER LAWRENCE & HANG LLP
? STREET: 745 FIFTH AVENUE
? CITY: NEW YORK
? STATE: NEW YORK
? COUNTRY: USA
? ZIP: 10151
? COMPUTER READABLE FORM:
? MEDIUM TYPE: FLOPPY disk
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: Patent In Release #1.0, Version #1.30
? CURRENT APPLICATION DATA:
? FILING DATE: 12-MAR-1997
? PRIORITY DATE: 12-MAR-1997
? ATTORNEY/AGENT INFORMATION:
? NAME: KOMLSKI, THOMAS J.
? REGISTRATION NUMBER: 32,147
? REFERENCE/DOCKET NUMBER: 454310-2990
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: 212-588-0800
? TELEFAX: 212-588-0500
? INVENTOR: FROMMER, LAWRENCE
? SEQUENCE CHARACTERISTICS:
? LENGTH: 4259 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
? MOLECULE TYPE: DNA (genomic)
? US-08-816-158-2

Alignment Scores:
Pred. No.: 3, 64 Length: 4259
Score: 81.50 Matches: 22
Percent Similarity: 36.14% Conservative: 8
Best Local Similarity: 26.51% Mismatches: 22
Query Match: 13.23% Indels: 31
DB: 2 Gaps: 4

US-09-541-462b-2 (1-108) x US-08-816-155b-2 (1-4259)
OY 42 CysAlaIleCysArgAnHisIleMetCspLauCysIleGluCysGlnAlaAsnGlnAla 61
DB 145 TGTGGCTATGCTCTGGAAGAATATACGAAAAAAGAAATTAATAACAA-----192
OY 62 SerAlaThrSerGluGluCysThrValAlaTrpGlyVal-----CysAsnHisAla 78
DB 193 -----TATTTCGATTATTACCAAAATTTGACACACGTG 225
OY 79 PheHisPheHisCysIleSerAArgTrpLeuLys-----ThrArgGln 92
DB 226 TTTTGTATTACGTATACACAGCTGTGATCTCTATATTAAGACGTACCGATACCGACGT 285
OY 93 ValCysPro-----LeuAspAsnArgGluTrpGluPhe 103
DB 286 ACATGTCCTGTATGATAGACAGTTCTGTATTATAGCGCTATATAGTACTAGTAAAGAC 345
OY 104 GlnLysTrp 106
DB 346 GATTAATAT 354

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RESULT 10
US-09-079-587-2
Sequence 2, Application US/09079587
? Patent No. 5990091
? GENERAL INFORMATION:
? APPLICANT: TARTAGLIA, JAMES
? APPLICANT: COX, WILLIAM I.
? APPLICANT: GETTIG, RUSSELL R.
? APPLICANT: MARTEZZ, HECTOR
? APPLICANT: PAOLETTI, ENZO
? APPLICANT: PINCUS, STEVEN E.
? TITLE OF INVENTION: VECTORS HAVING ENHANCED EXPRESSION, AND
? TITLE OF INVENTION: METHODS OF MAKING AND USES THEREOF
? CORRESPONDENCE ADDRESS: 48
? ADDRESS: FROMMER LAWRENCE & HANG LLP
? STREET: 745 FIFTH AVENUE
? CITY: NEW YORK
? STATE: NEW YORK
? COUNTRY: USA
? ZIP: 10151
? COMPUTER READABLE FORM:
? MEDIUM TYPE: FLOPPY disk
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: Patent In Release #1.0, Version #1.30
? CURRENT APPLICATION DATA:
? FILING DATE: 12-MAR-1997
? PRIORITY DATE: 12-MAR-1997
? ATTORNEY/AGENT INFORMATION:
? NAME: KOMLSKI, THOMAS J.
? REGISTRATION NUMBER: 32,147
? REFERENCE/DOCKET NUMBER: 454310-2990
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: 212-588-0800
? TELEFAX: 212-588-0500
? INVENTOR: FROMMER, LAWRENCE
? SEQUENCE CHARACTERISTICS:
? LENGTH: 4259 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
? MOLECULE TYPE: DNA (genomic)
? US-09-079-587-2

Alignment Scores:
Pred. No.: 3, 64 Length: 4259
Score: 81.50 Matches: 22
Percent Similarity: 36.14% Conservative: 8
Best Local Similarity: 26.51% Mismatches: 22
Query Match: 13.23% Indels: 31
DB: 3 Gaps: 4

US-09-541-462b-2 (1-108) x US-09-079-587-2 (1-4259)
OY 42 CysAlaIleCysArgAnHisIleMetCspLauCysIleGluCysGlnAlaAsnGlnAla 61
DB 145 TGTGGCTATGCTCTGGAAGAATATACGAAAAAAGAAATTAATAACAA-----192
OY 62 SerAlaThrSerGluGluCysThrValAlaTrpGlyVal-----CysAsnHisAla 78
DB 193 -----TATTTCGATTATTACCAAAATTTGACACACGTG 225
OY 79 PheHisPheHisCysIleSerAArgTrpLeuLys-----ThrArgGln 92
DB 226 TTTTGTATTACGTATACACAGCTGTGATCTCTATATTAAGACGTACCGATACCGACGT 285
OY 93 ValCysPro-----LeuAspAsnArgGluTrpGluPhe 103
DB 286 ACATGTCCTGTATGATAGACAGTTCTGTATTATAGCGCTATATAGTACTAGTAAAGAC 345
OY 104 GlnLysTrp 106
DB 346 GATTAATAT 354

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Db      286 AATGTCGTGCAGTACCAAGCTTGATTGGTTAATGAAGCCATAATAGTAAGAACAAGC 349
OY      104 GAttttTyT 106
              |||||I|
Db      346 GAATAAATNT 354

RESULT 11
US-08-998-416-881
Sequence 881, Application US/08998416
Patent No. 6239264
GENERAL INFORMATION:
APPLICANT: Philipsen, Peter
INVENTOR: Philippsen, Peter
AGENT: Stelmen, Sabien
APPLICANT: Mohr, Christine
APPLICANT: Wendland, Jurgen
APPLICANT: Knechtle, Philipp
APPLICANT: Reischung, Corinne
TITLE OF INVENTION: GENOMIC DNA SEQUENCES OF ASHWA GOSYPIT
CLASSIFICATION: ANLSES THEREOF
NUMBER OF SEQUNES: 152
CORRESPONDENCE ADDRESS:
ADDRESSER: No. 6239264/tarla corporation
STREET: 3054 Cornwells Road
CITY: Research Triangle Park
STATE: NO. 6239264/th Carolina
COUNTY: N/A
ZIP CODE: 27709
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/Ms-DOS
SOFTWARE: Patentln Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: 05/08/998,416
FILING DATE: 24-JAN-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: CH 0016/97
FILING DATE: 31-DEC-1996
ATTORNEY/AGENT INFORMATION:
NAME: Weiser, J., Timothy
PRACTICE NAME AND ADDRESS: 241
REFERENCE/DOCKET NUMBERS: PD /5-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-541-8587
TELEX: 919-541-8689
INFORMATION FOR SEO ID NO.: 881:
SEQUENCE CHARACTERISTICS:
LENGTH: 804 base pairs
TYPE: nucleic acid
STRANDNESS: linear
TOPOLOGY: lincgale
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
ORGANISM: PANGIS52NP
US-08-998-416-881

Allignment Scores:
Score:          0.499           Length: .    804
Percent Similarity:   66.57%         Matches:     113
Best Local Similarity: 48.15%        Consensitive: 5
Query Match:         13.07%          Mismatches:  6
DB:                  gaps:             Indels:       3
                                matches:      11
                                mismatches:  6
                                indels:      3
                                gaps:       1

OY -us-09-541-462B-2 (1-108) * us-08-998-416-881 (1-804)
73 gtaatcgaanahsalaphephdshscytalsetaatgtctfoulythr----- 90
db      8 ggcatagccacaccacaaatttcgcactcgcaatcacataggtagtgctaacaacctggang 67
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[illegible]

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Db      194 -----ACGCTCGGAGAGCTGTGTCAGT-----GTGTGTGCC 226
Oy      77 HisAlaPheHisPheHisCysIleSerArgTrpPheValThr-----ArgGlnVal 93
Db      227 CACCGTACTGTGGCCATGTCATCATGAGTGGAGACACGCCCAAGACGCCAAG 286
Oy      94 CysProLeu 96
          |||||
Db      287 TGTCACATA 295

RESULT 13
US-08-933-750C-97
: Sequence 97: Application US/08933750C
: Patent No. 5934442
: GENERAL INFORMATION:
: APPLICANT: Lal, Preeti
: APPLICANT: Hillman, Jennifer L.
: APPLICANT: Bandman, Olga
: APPLICANT: Shah, Purvi
: APPLICANT: Au-Young, Janice
: APPLICANT: Yue, Henry
: APPLICANT: Guegler, Karl J.
: APPLICANT: Cooley, Neil C.
: TITLE OF INVENTION: HUMAN REGULATORY MOLECULES
: NUMBER OF SEQUENCES: 98
: CORRESPONDENCE ADDRESSES:
: ADDRESSER: Inocyte Pharmaceuticals, Inc.
: STREET: 3174 Porter Drive
: CITY: Palo Alto
: STATE: CA
: COUNTRY: USA
: ZIP: 94304
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette
: OPERATING SYSTEM: IBM Compatible
: SOFTWARE: FASTSEQ for Windows Version 2.0
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/933,750C
: FILING DATE: September 23, 1997
: PRIORITY APPLICATION DATA:
: APPLICATION NUMBER:
: FILING DATE:
: ATTORNEY/AGENT INFORMATION:
: NAME: Billings, Lucy J.
: REGISTRATION NUMBER: 36,749
: REFERENCE/DOCKET NUMBER: PF-0356 US
: TELEPHONE: 415-855-0553
: TELEFAX: 415-845-4166
: INFORMATION FOR SEQ ID NO: 97:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 1112 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: IMMEDIATE SOURCE:
: LIBRARY: TESTNOT07
: CLONE: 3217567
: US-08-933-750C-97

Alignment Scores:
: Pctd. No.: 0.897
: Score: 80.00
: Percent Similarity: 39.81%
: Best Local Similarity: 28.16%
: Query Match: 12.99%
: Ds: 2
: Gaps: 7
: Length: 1112
: Matches: 29
: Conservative: 12
: Mismatches: 18
: Indels: 44
: Gaps: 7
US-09-541-462b-2 (1-108) x US-08-933-750C-97 (1-1112)

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Oy      1 MetAlaAlaIleMetAspValAsp--ThrProSerClyThrAsp-----SerGly 16
          |||||
Db      100 ATGGACACGACGGAGAGAGAGACGGAGGCCGCCCAAGGCCCAATCGCGAGCGGGCGG 159
Oy      17 AlaglyLysArgPheGluValLysIleTrpAsnAlaValAlaLeuTrpAlaTrpAsp 36
          |||||
Db      160 GCGGGC--GCGACCTGCA
          |||||
Oy      37 IleValAlaAspAsnCysAlaIleCysArgAsnHisIleMetAspLeuCysIleGlyCys 56
          |||||
Db      178 -----TGTAATATAGTTGTGAG--- 195
Oy      57 GlnAlaAsnGlnAlaSerAlaThrSerGlnGlyCysThrValAlaTrpGlyValCysAsn 76
          |||||
Db      196 -----ACGCTCGGAGAGCTGTGTCAGT-----GTGTGTGCC 228
Oy      77 HisAlaPheHisPheHisCysIleSerArgTrpPheValThr-----ArgGlnVal 93
          |||||
Db      229 CACCGTACTGTGGCCATGTCATCATGAGTGGAGACACGCCCAAGACGCCAAG 288
Oy      94 CysProLeu 96
          |||||
Db      289 TGTCACATA 297

RESULT 14
US-09-234-613-97
: Sequence 97: Application US/09234613
: Patent No. 5934442
: GENERAL INFORMATION:
: APPLICANT: Lal, Preeti
: APPLICANT: Hillman, Jennifer L.
: APPLICANT: Bandman, Olga
: APPLICANT: Shah, Purvi
: APPLICANT: Au-Young, Janice
: APPLICANT: Yue, Henry
: APPLICANT: Guegler, Karl J.
: APPLICANT: Cooley, Neil C.
: TITLE OF INVENTION: HUMAN REGULATORY MOLECULES
: NUMBER OF SEQUENCES: 98
: CORRESPONDENCE ADDRESSES:
: ADDRESSER: Inocyte Pharmaceuticals, Inc.
: STREET: 3174 Porter Drive
: CITY: Palo Alto
: STATE: CA
: COUNTRY: USA
: ZIP: 94304
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette
: OPERATING SYSTEM: DOS
: SOFTWARE: FASTSEQ for Windows Version 2.0
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09/234,613
: FILING DATE:
: CLASSIFICATION:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US/08/933,750
: FILING DATE: September 23, 1997
: PRIORITY APPLICATION DATA:
: APPLICATION NUMBER: PF-0356 US
: TELEPHONE: 415-855-0555
: TELEFAX: 415-845-4166
: INFORMATION FOR SEQ ID NO: 97:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 1112 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear

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? IMMEDIATE SOURCE:
? LIBRARY: TESTNOT07
? CLONE: J217567
US-09-234-613-97

Alignment Scores:
Pred. No.:      0,897          Length:      1112
Score:         80,00          Matches:       29
Percent Similarity: 39,81%    Conservative: 12
Beat Local Similarity: 28,16% Mismatches:   18
Query Match:     12,99%      Indels:      44
DB:              3          Gaps:        7
US-09-541-4628-2 x US-09-234-613-97 (1-1112)

OY 1 METLALALMLMELAEAPRLAALP---ThpProSerGlyThrAn-----SerGly 16
DB 100 ATGGACGAGCGCCGAGCAGACGAGCGGCCGCCCAAGGCCCAATCCGACGCGCGCGC 159
OY 17 AAlcylLygArkyRgpcilvallyLygTrpMetAlaValAlaLeuTPrlarTPAp 36
DB 160 GGCGGC--CGGACCTTCGA--|||||
OY 37 lIeValvalAspAmCysAlaIlleCySArGAsnAlilMeKtAspEuCySIlleolucyS 56
DB 178 -----:|||||
OY 57 GlNLaaNGlAlMeSerAlMpSerCluglCygthValAlArtpolyVAlcyLAsn 76
DB 196 -----ACTGCTGGAGAACrCYGTCAH-----GrTGTGGC 228
OY 77 HIsAlapheNlaSpheNlaScyAlleSarGrtPrMuLygTrH-----ArgGlVal 93
DB 229 CACCTGTATCTTGCCCATCTTCATCATGTGTCTGGAGACAGCGCCAGCAAGCGCACAG 288
OY 94 CySProlan 96 |||||
DB 289 TGTCCAGTA 297 |||||

RESULT 15
US-07-945-283-3
Sequence 3 Application US/07945283
General NO. 58556
GENERAL INFORMATION:
Applicant: Cheung, Andrew K.
Applicant: Kealey, Ronald D.
Title Of Invention: Pseudocodons Virus Deletion Mutants
Title Of Invention: Involving The EPO and LIT Genes
Number Of Sequences: 7
Correspondence Address: Rihardo
Post Office Box 1818
Street 1815 No. 5352956th University Street
City: Peoria
State: IL
Country: USA
Zip: 61604
COMPUTER READABLE FORM:
Computer Type: Floppy disk
Operating System: PC-DOS/MS-DOS
Software: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
Application Number: US/07/945,283
Filing Date: 19920911
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
Name: Cheung, Andrew K.
Registration Number: 1527975
TELECOMMUNICATION INFORMATION:
Telephone: 309-685-4011 ext. 513
TELEFAX: 309-685-4128
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:

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1      LENGTH: 1683 base pairs
2      TYPE: NUCLEIC ACID
3      STRANDEDNESS: double
4      TOPOLOGY: linear
5      MODIFIED: DNA (genomic)
6      HYDROTHERMAL: NO
7      ANTI-SENSE: NO
8      ORGANISM: Pseudorabies virus
9      FEATURE:
10     NAME/KEY: CDS
11     LOCATION: 211..1440
12     OTHER INFORMATION: /product= "early protein 0"
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RESULT 6
US-09-780-016-27
: Sequence 27, Application US/09780016
: Publication No. US2003004591A1
: GENERAL INFORMATION:
: APPLICANT: Donoho, Gregory
: APPLICANT: Scovillie, John
: APPLICANT: Turner, C. Alexander Jr.
: APPLICANT: Friedlich, Glenn
: APPLICANT: Abulniz, Alejandro
: APPLICANT: Sambrook, Brian
: APPLICANT: Sambrook, J.
: TITLE OF INVENTION: Polynucleotides encoding the Same
: FILE REFERENCE: LEX-0132-USA
: CURRENT APPLICATION NUMBER: US/09/780, 016
: CURRENT FILING DATE: 2001-02-09
: PRIORITY DATE: US 60/181,294
: PRIOR FILING DATE: 2000-02-11
: NUMBER OF SEQ ID NOS: 27
: SOFTWARE: FASTSeq for Windows Version 4.0
: SEQ ID NO 27
: LENGTH: 3208
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-780-016-27

Alignment Scores:
Pred. No.: 1,79e-58 Length: 3208
Score: 501.50 Matches: 88
Percent Similarity: 95.70% Conservative: 1
Best Local Similarity: 94.62% Mismatches: 1
Query Match: 81.41% Indels: 3
Dbs: Gaps: 1

US-09-541-462b-2 (1-108) x US-09-780-016-27 (1-3208)
QY 16 G1YALAGLYLSAATGPhgGluValLysLSTGPAhNALValALeUTPrLalTP 35
Db 2752 GGAGCTATMAAAAAAAAA-----AAAATGGAATGCAGTACCTCGGCGCTGG 2802
QY 36 APLLeValValAPhAsrCYsAlAlIcYsArGAsmHsIleMeAsPLeucYAlleGlu 55
Db 2803 GATATTGCTGTTGACTGCTGCATCTGCATGCAGAACACACATTATGATCTTTCATGAA 2862
QY 56 CysGlnAlaAsnGlnAlaSerAlaThrSerGluCysThrValAlaTrpGlyValCys 75
Db 2863 TGTCAAGCTAACAGCGCTCCGCTACTCTTCAGAGAGTACGTCGCCATGGAGAGTCTGT 2922
QY 76 AAsnH1AlPheth1AspH1AsCYsAlIleSerATGTrPLeuLysThrArGlnValALCyPro 95
Db 2923 AACCATGCTTTTCACCTTCACGTCATCTCTCGCTGGCTCAAAACGACAGGTGTGCA 2982
QY 96 LeuAspAsnArGluTrGluPheGluPheGluLysTyGlyH1s 108
Db 2983 TTGGACACACAGAGGTGGAAATTCACAAAGATATGGGAC 3021

RESULT 7
US-10-214-811-27
: Sequence 27, Application US/10214811
: Publication No. US2003002062A1
: GENERAL INFORMATION:
: APPLICANT: Donoho, Gregory
: APPLICANT: Turner, C. Alexander Jr.
: APPLICANT: Friedlich, Glenn
: APPLICANT: Abulniz, Alejandro
: APPLICANT: Sambrook, Brian
: APPLICANT: Sands, Arthur T.
: TITLE OF INVENTION: No. US2003002062A1el Human Proteases and
: FILE REFERENCE: LEX-0132-USAel Polynucleotides encoding the Same
: CURRENT APPLICATION NUMBER: US/10/214, 811

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: CURRENT FILING DATE: 2002-08-07
: PRIOR APPLICATION NUMBER: US/09/780, 016
: PRIOR FILING DATE: 2001-02-09
: PRIOR APPLICATION NUMBER: US 60/181,294
: PRIOR FILING DATE: 2000-02-11
: NUMBER OF SEQ ID NOS: 27
: SOFTWARE: FASTSeq for Windows Version 4.0
: SEQ ID NO 27
: LENGTH: 3208
: TYPE: DNA
: ORGANISM: Homo sapiens
US-10-214-811-27

Alignment Scores:
Pred. No.: 1,79e-58 Length: 3208
Score: 501.50 Matches: 88
Percent Similarity: 95.70% Conservative: 1
Best Local Similarity: 94.62% Mismatches: 1
Query Match: 81.41% Indels: 3
Dbs: Gaps: 1

US-09-541-462b-2 (1-108) x US-10-214-811-27 (1-3208)
QY 16 G1YALAGLYLSAATGPhgGluValLysLSTGPAhNALValALeUTPrLalTP 35
Db 2752 GGAGCTATMAAAAAAAAA-----AAAATGGAATGCAGTACCTCGGCGCTGG 2802
QY 36 APLLeValValAPhAsrCYsAlAlIcYsArGAsmHsIleMeAsPLeucYAlleGlu 55
Db 2803 GATATTGCTGTTGACTGCTGCATCTGCATGCAGAACACACATTATGATCTTTCATGAA 2862
QY 56 CysGlnAlaAsnGlnAlaSerAlaThrSerGluCysThrValAlaTrpGlyValCys 75
Db 2863 TGTCAAGCTAACAGCGCTCCGCTACTCTTCAGAGAGTACGTCGCCATGGAGAGTCTGT 2922
QY 76 AAsnH1AlPheth1AspH1AsCYsAlIleSerATGTrPLeuLysThrArGlnValALCyPro 95
Db 2923 AACCATGCTTTTCACCTTCACGTCATCTCTCGCTGGCTCAAAACGACAGGTGTGCA 2982
QY 96 LeuAspAsnArGluTrGluPheGluPheGluLysTyGlyH1s 108
Db 2983 TTGGACACACAGAGGTGGAAATTCACAAAGATATGGGAC 3021

RESULT 8
US-09-918-995-14771
: Sequence 14771, Application US/09918995
: Publication No. US2003007623A1
: GENERAL INFORMATION:
: APPLICANT: Hyseng, Inc.
: TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
: FROM VARIOUS CAN. LIBRARIES
: FILE REFERENCE: 20411-756
: CURRENT APPLICATION NUMBER: US/09/918, 995
: CURRENT FILING DATE: 2001-07-30
: PRIOR APPLICATION NUMBER: US/09/235, 076
: PRIOR FILING DATE: 1999-01-20
: NUMBER OF SEQ ID NOS: 38054
: SOFTWARE: FASTSeq for Windows Version 3.0
: SEQ ID NO 14771
: LENGTH: 439
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-918-995-14771

Alignment Scores:
Pred. No.: 3.69e-45 Length: 439
Score: 366.00 Matches: 67
Percent Similarity: 98.55% Conservative: 1
Best Local Similarity: 97.10% Mismatches: 1
Query Match: 64.29% Indels: 0
Dbs: Gaps: 0

US-09-541-462b-2 (1-108) x US-09-918-995-14771 (1-439)

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: CURRENT FILING DATE: 2002-09-26
: PRIOR APPLICATION NUMBER: US 09/542,497
: PRIOR FILING DATE: 2000-04-03
: PRIOR APPLICATION NUMBER: US 09/826,312
: PRIOR FILING DATE: 2000-04-03
: PRIOR APPLICATION NUMBER: US 10/091,139
: PRIOR FILING DATE: 2002-03-04
: NUMBER OF SEQ ID NOS: 27
: SOFTWARE: PatentIn version 3.1
: SEQ ID NO: 7
: LENGTH: 342
: TYPE: DNA Homo sapiens
: ORGANISM: Homo sapiens
US-10-108-767-7

Alignment Scores:
Pred. No.: 2,676-30 Length: 342
Score: 287.00 Matches: 48
Percent Similarity: 63.92% Conservative: 14
Best Local Similarity: 49.46% Mismatches: 31
Identity Match: 14 Gaps: 2
DB: 14

US-09-541-462b-2 (1-108) x US-10-108-767-7 (1-342)
OY 11 SerGlyThrAsnSerGlyAlaGlyLysLysAspGheGluValLysLysTrpAsnAlaVal 30
DB 58 TCGAGCTCAACAGCTGGCA--GGCGACAGAAATGTTCTCCCTCAAGAGAGTGAACCCGGATG 114
OY 31 AlaLeuTrpAlaTrpAspIleValLeuValAspAsnGlyAlaIleGlyAspAsnHisIleMet 50
DB 115 GCCTATGTGACCTGGACAGCTGGAGTCCGATACGTGGCCCATCTCCACAGGTCACAGGTGATG 174
OY 51 AspleuGlyIleGluGlyGlnAlaAsnGlnAlaSerAlaThrSerGluLysGlyThrVal 70
DB 175 GATGCTGTGTTGATGATGCTGACAGCTGAAAC-----AACAGAGAGACTGTGTGTG 225
OY 71 AlaTrpGlyValCysAsnHisAlaPheHisPheHisCysIleSerAspGlyPheLysThr 90
DB 226 GTCTGGGAGAAATGATTCATCTCTCCACAGCTGCGATGCTGCTGCTGCTGCTGCTGCTG 285
OY 91 ArgGlnValCysProLeuAspAsnArgGluTrpGluPheGlnLysTyrGly 107
DB 286 AACAAATGCTCCCTCTCTGCGACAGAGACTGGTGGTCCAAAGATCGCC 336

RESULT 15
US-10-152-156-7
: Sequence 7, Application US/10152156
: Publication No. US20030108947A1
: Inventor: Shuang, Jianling
: APPLICANT: Issaiah, Sankiz D.
: APPLICANT: Shuang, Jianling
: APPLICANT: Shuang, Julie
: TITLE OF INVENTION: ASSAYS FOR IDENTIFYING UBIQUITIN AGENTS AND FOR IDENTIFYING AGENT
: TITLE OF INVENTION: MODIFY THE ACTIVITY OF UBIQUITIN AGENTS
: FILE REFERENCE: A-66613-6/MS/2002
: CURRENT FILING DATE: 2002-05-20
: PRIOR APPLICATION NUMBER: US 09/542,497
: PRIOR FILING DATE: 2000-04-03
: PRIOR APPLICATION NUMBER: US 09/826,312
: PRIOR FILING DATE: 2001-04-03
: PRIOR APPLICATION NUMBER: US 10/091,174
: PRIOR FILING DATE: 2002-03-04
: PRIOR APPLICATION NUMBER: US 10/091,139
: PRIOR FILING DATE: 2002-03-04
: PRIOR APPLICATION NUMBER: US 10/109,460
: PRIOR FILING DATE: 2002-03-26
: PRIOR APPLICATION NUMBER: US 10/108,767
: PRIOR FILING DATE: 2002-03-26
: PRIOR APPLICATION NUMBER: US 60/291,836
: PRIOR FILING DATE: 2001-05-18

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: NUMBER OF SEQ ID NOS: 27
: SOFTWARE: PatentIn version 3.1
: SEQ ID NO: 7
: LENGTH: 342
: TYPE: DNA Homo sapiens
: ORGANISM: Homo sapiens
US-10-152-156-7

Alignment Scores:
Pred. No.: 2,676-30 Length: 342
Score: 287.00 Matches: 48
Percent Similarity: 63.92% Conservative: 14
Best Local Similarity: 49.46% Mismatches: 31
Identity Match: 14 Gaps: 2
DB: 14

US-09-541-462b-2 (1-108) x US-10-152-156-7 (1-342)
OY 11 SerGlyThrAsnSerGlyAlaGlyLysLysAspGheGluValLysLysTrpAsnAlaVal 30
DB 58 TCGAGCTCAACAGCTGGCA--GGCGACAGAAATGTTCTCCCTCAAGAGAGTGAACCCGGATG 114
OY 31 AlaLeuTrpAlaTrpAspIleValLeuValAspAsnGlyAlaIleGlyAspAsnHisIleMet 50
DB 115 GCCTATGTGACCTGGACAGCTGGAGTCCGATACGTGGCCCATCTCCACAGGTCACAGGTGATG 174
OY 51 AspleuGlyIleGluGlyGlnAlaAsnGlnAlaSerAlaThrSerGluLysGlyThrVal 70
DB 175 GATGCTGTGTTGATGATGCTGACAGCTGAAAC-----AACAGAGAGACTGTGTGTG 225
OY 71 AlaTrpGlyValCysAsnHisAlaPheHisPheHisCysIleSerAspGlyPheLysThr 90
DB 226 GTCTGGGAGAAATGATTCATCTCTCCACAGCTGCGATGCTGCTGCTGCTGCTGCTGCTG 285
OY 91 ArgGlnValCysProLeuAspAsnArgGluTrpGluPheGlnLysTyrGly 107
DB 286 AACAAATGCTCCCTCTCTGCGACAGAGACTGGTGGTCCAAAGATCGCC 336

Search completed: August 27, 2003, 04:59:42
Job time: 844 secs

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